

Amendments to the Claims:

The claims as presently presented for examination in this application are as follows:

1. (currently amended) A cardiac pacemaker arrangement comprising:
 - at least one floating atrial electrode line having an atrial wall electrode;
 - a ventricular electrode line (VDD-electrode line) having at least one floating atrial electrode for stimulation, and at least one ventricular electrode; and
 - at least one circuit adapted to:
 - evaluate atrial signals perceived by said electrodes, and
 - switch over from a first mode, for effecting atrial myocardium stimulation by said atrial wall electrode, to a second mode, for effecting atrial myocardium stimulation by said at least one floating atrial electrode, upon perceiving atrial signals that are evaluated as being high-frequency irregularities such as auricular fibrillation or atrial tachycardias as on the basis of inadmissibly high signal frequencies.
2. (currently amended) The pacemaker arrangement as set forth in claim 1 wherein stimulation is effected by the floating atrial electrode at high frequency with a cycle length of between about 30 and 100 ms.
3. (currently amended) The pacemaker arrangement as set forth in claim 1 wherein there are provided two or more floating atrial electrodes and two or more ventricular electrodes of said ventricular electrode line.

4.-5. (cancelled)

6. (currently amended) The pacemaker arrangement as set forth in claim 1 wherein the floating atrial electrode performs as a sensor with the circuit for perceiving atrial signals.

7. (currently amended) The pacemaker arrangement as set forth in claim 1 wherein the atrial wall electrode performs as a sensor with the circuit for perceiving atrial signals.

8.-10. (cancelled)

11. (currently amended) The pacemaker arrangement as set forth in claim 2 wherein there are provided two or more floating atrial electrodes and two or more ventricular electrodes of said ventricular electrode line.

12.-16. (cancelled)

17. (currently amended) The pacemaker arrangement as set forth in claim 2 wherein the floating atrial electrode performs as a sensor with the circuit for perceiving atrial signals.

18. (currently amended) The pacemaker arrangement as set forth in claim 3 wherein the floating atrial electrodes perform as sensors with the circuit for perceiving atrial signals.

19.-20. (cancelled)

21. (currently amended) The pacemaker arrangement as set forth in claim 2 wherein the atrial wall electrode performs as a sensor with the circuit for perceiving atrial signals.

22. (currently amended) The pacemaker arrangement as set forth in claim 3 wherein the atrial wall electrode performs as a sensor with the circuit for perceiving atrial signals.

23.-24. (cancelled)

25. (currently amended) The pacemaker arrangement as set forth in claim 6 wherein the atrial wall electrode performs as a sensor with the circuit for perceiving atrial signals.

26. (cancelled)

27. (new) The cardice pacemaker of claim 1 wherein the atrial wall electrode of the atrial electrode line and the floating atrial electrode of the ventricular electrode line are of about the same physical size.